

ABSTRACT

**METHOD FOR STORING REGISTER PROPERTIES IN A DATASTRUCTURE
AND RELATED DATASTRUCTURE**

5 The present invention relates to a method for storing register
properties of a hardware device having heterogeneous memory in a
datastructure. This hardware device is built according to a structure of
modules and dependent sub-modules wherein the register properties
correspond to register properties of the modules and sub-modules. This
10 method comprises the step of storing the register properties in a data-
structure according to the structure of the hardware device and the register
properties are arranged in an array for each module or dependent sub-
module.

15 Fig. 1